

PATENT COOPERATION TREATY

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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P036347WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, Item 5 below.	
International application No. PCT/GB2004/005099	International filing date (day/month/year) 03/12/2004	(Earliest) Priority Date (day/month/year) 19/12/2003
Applicant BEESON AND SONS LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. ☐ Certain claims were found unsearchable (See Box II).

3. ☐ Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 1



as suggested by the applicant.



as selected by this Authority, because the applicant failed to suggest a figure.



as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

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International application No.

PCT/GB2004/005099

Box No. IV Text of the abstract (Continuation of Item 5 of the first sheet)

A threaded container closure assembly, comprising: a container neck (10) having an opening; a closure (12) for said neck, the closure having a base portion (22) and a skirt portion (24); a first screw thread on the neck, said first screw thread comprising one or more first thread segments (16), and a second screw thread on an inner surface of the skirt of the closure, said second screw thread comprising one or more second thread segments (26); a first locking projection (44) on the container neck separate from the first thread segments (16) and a second locking projection (46) on the inner surface of the skirt of the closure separate from the second thread segments (26), said first and second locking projections being configured to resist unscrewing of the closure from the fully engaged position on the container neck after the closure has been secured or resecured on the container neck until a predetermined minimum opening torque is applied; wherein said first and second locking projections (44, 46) longitudinally overlap the first or the second thread segments when the closure is in the fully engaged position on the container neck.

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International Application No

PCT/GB2004/005099

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65D41/04

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	✓ EP 0 864 505 A (THE PROCTER & GAMBLE COMPANY) 16 September 1998 (1998-09-16) column 2, line 35 - line 56 column 4, line 16 - line 44; claims 1-4,10,11; figures 7,8 -----	1,2,6-9, 11,12 7
X	✓ EP 0 665 169 A (JACOB BERG GMBH & CO. KG; BERICAP GMBH & CO. KG) 2 August 1995 (1995-08-02) column 7, line 1 - column 8, line 12; figures 1-3 -----	1-3,6,7, 11
X	✓ US 3 435 978 A (JOHN C. WITTWER) 1 April 1969 (1969-04-01) column 3, line 41 - column 4, line 9; claims 1-8; figures 5-8 ----- -/--	1,2,6,7, 11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

17 March 2005

Date of mailing of the international search report

29/03/2005

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/005099

C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 529 (M-1684), 6 October 1994 (1994-10-06) -& JP 06 183449 A (SUZUNO KASEI KK), 5 July 1994 (1994-07-05) abstract; figures 1,2,9 -----	1,2,6,7, 11
X	✓ US 4 289 248 A (LYNN ET AL) 15 September 1981 (1981-09-15)	1
Y	column 4, line 23 - line 56; figures 3,4 -----	7

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Information on patent family members

International Application No

PCT/GB2004/005099

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0864505	A	16-09-1998	US 6109466 A	29-08-2000
			EP 0864505 A1	16-09-1998
			JP 10258857 A	29-09-1998
EP 0665169	A	02-08-1995	DE 4400993 A1	20-07-1995
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			US 4770308 A	13-09-1988

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